DECLARATION

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: SYSTEMS AND METHODS FOR DISCOVERING MUTUAL DEPENDENCE PATTERNS

the specification of which is attac	hed hereto or indicates ar	n attorney docket no. YOR920000679US1,	or:
\Box was filed in the U.S. Patent &	Trademark Office on	and assigned Serial No	01.
□ and (if applicable) was amende			-
and to the examination of this appriority benefits under Title 35, U or §365(a) of any PCT internation.	lerred to above. I acknown accordance we lication in accordance we list. Code §119(a)-(d) or all application which designs in (s), listed below and have	the contents of the above-identified specificate vieldge the duty to disclose information which ith Title 37, Code of Federal Regulations §1 §365(b) of any foreign application(s) for pater gnated at least one country other than the United are also identified below any foreign application on which priority is claimed:	is material to patentability 56. I hereby claim foreign nt or inventor's certificate
			Priority Claimed: Yes [] No[]
(Application Number)	(Country)	(Day/Month/Year filed)	
			Vag [] Naf]
(Application Number)	(Country)	(Day/Month/Year filed)	Yes [] No[]
application is not disclosed in the paragraph of Title 35, U.S. Code 8	e prior United States, list 2112, I acknowledge the 21.56 which became avai	ode §120, of any United States application(s) ed below and, insofar as the subject matter of PCT International applications(s) in the margury to disclose information material to paten lable between the filing date of the prior applications.	f each of the claims of this nner provided by the first
(Appliçation Serial Number)	(Filing Date)	(STATUS: patented, pending, abandon	ned)
(Application Could N)			
(Application Serial Number)	(Filing Date)	(STATUS: natented nonding abandon	100

I hereby appoint the following attorneys: MANNY W. SCHECTER, Reg. No. 31,722; LAUREN C. BRUZZONE, Reg. No. 35,082; CHRISTOPHER A. HUGHES, Reg. No. 26,914; JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, JR., Reg. No. 18,753; STANLEY B. GREEN, Reg. No. 24,351; STEPHEN C. KAUFMAN, Reg. No. 29,551; ROBERT M. TREPP, Reg. No. 25,933; LOUIS P. HERZBERG, Reg. No. 41,500; DANIEL P. MORRIS, Reg. No. 32,053; PAUL J. OTTERSTEDT, Reg. No. 37,411; LOUIS J. PERCELLO, Reg. No. 33,206; DOUGLAS W. CAMERON, Reg. No. 31,596; MARIAN UNDERWEISER, Reg. No. 46,134; RICHARD M. LUDWIN, Reg. No. 33,010; MARC A. EHRLICH, Reg. No. 39,966; ROBERT P. TASSINARI, JR., Reg. No. 36,030; DEREK S. JENNINGS, Reg. No. 41,473; GAIL H. ZARICK, Reg. No. 43,303; and TIMOTHY M. FARRELL, Reg. No. 37,321; each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

(Filing Date)

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(STATUS: patented, pending, abandoned)

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE INVENTOR: Sheng Ma	Citizenship P.R. China
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FULL NAME OF SECOND JOINT INVENTOR: Inventor's signature: Residence & Post Office address: Ossining, NY 10562	Citizenship <u>U.S.A.</u> Date: 7/24/2001